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(54) Title: SECURE REMOTE CONTROL

Remote Site 3 Controlling Site 5 11 12 13 DMZ DMZ lone Outer Outer Inner Control WAN Firewall Firewal Firewall Station 10 Control using PCP Secure Access Controller Control. Equipment Equipment Proprietary 2 Equipment

(57) Abstract: Remote control of equipment located on an organisation's intranet can be achieved by using proxy and client secure access controllers which communicate using a peripheral control protocol (PCP) over a predefined port number. By allowing only outbound connections over the firewall protecting the intranet and using SSL/TLS authentication and encryption, a high level of security is maintained. A similar arrangement at a control station is used to permit monitoring of equipment at a remote site without allowing inbound connections over the firewall which protects the remote station.

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